V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3   Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4   Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update
                   frequency
NEWS 5   Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6   Mar 08 Gene Names now available in BIOSIS
NEWS 7   Mar 22 TOXLIT no longer available
NEWS 8   Mar 22 TRCTHERMO no longer available
NEWS 9   Mar 28 US Provisional Priorities searched with P in CA/CAplus
                   and USPATFULL
NEWS 10   Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11   Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12   Apr 08 "Ask CAS" for self-help around the clock
NEWS 13   Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14   Apr 09 ZDB will be removed from STN
NEWS 15   Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16   Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17   Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18   Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19   Jun 03 New e-mail delivery for search results now available
NEWS 20   Jun 10 MEDLINE Reload
NEWS 21   Jun 10 PCTFULL has been reloaded
NEWS 22   Jul 02 FOREGE no longer contains STANDARDS file segment

NEWS EXPRESS   February 1 CURRENT WINDOWS VERSION IS V6.0d,
               CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
               AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

09/995,159

V. Balasubramanian

FILE 'HOME' ENTERED AT 11:27:22 ON 12 JUL 2002

=> file reg

COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 11:27:31 ON 12 JUL 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 10 JUL 2002   HIGHEST RN 438186-75-5
DICTIONARY FILE UPDATES: 10 JUL 2002   HIGHEST RN 438186-75-5

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\099951592.str

L1   STRUCTURE UPLOADED
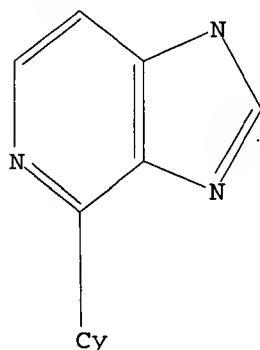
=> que L1

L2   QUE L1

=> d l1
L1 HAS NO ANSWERS
L1   STR

Structure attributes must be viewed using STN Express query preparation.

09/995,159

V. Balasubramanian


```
=> s l1 sss sam
SAMPLE SEARCH INITIATED 11:27:52 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   1457 TO ITERATE

 68.6% PROCESSED    1000 ITERATIONS                              3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:        26851 TO    31429
PROJECTED ANSWERS:               3 TO      212

L3              3 SEA SSS SAM L1

=> d scan

L3    3 ANSWERS   REGISTRY  COPYRIGHT 2002 ACS
IN    1-Piperazinecarboxylic acid, 4-(1-methyl-1H-imidazo[4,5-c]pyridin-4-yl)-,
      1,1-dimethylethyl ester (9CI)
MF    C16 H23 N5 O2
```
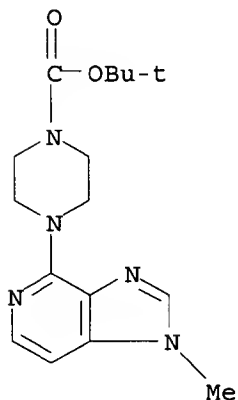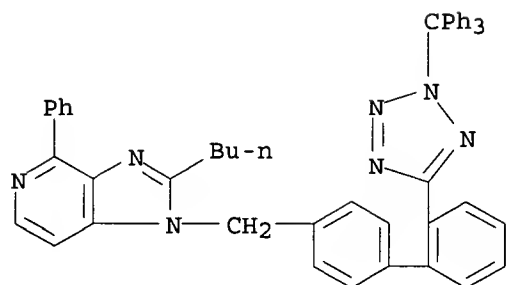


```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L3    3 ANSWERS   REGISTRY  COPYRIGHT 2002 ACS
IN    1H-Imidazo[4,5-c]pyridine, 2-butyl-4-phenyl-1-[[2'-[2-(triphenylmethyl)-2H-
      tetrazol-5-yl][1,1'-biphenyl]-4-yl]methyl]- (9CI)
MF    C49 H41 N7
```
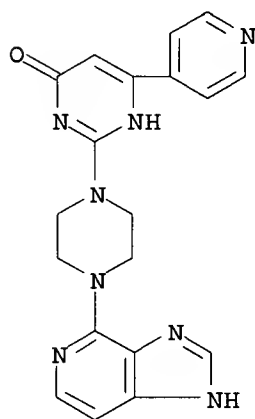
09/995,159

V. Balasubramanian

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3   3 ANSWERS   REGISTRY   COPYRIGHT 2002 ACS
IN   4(1H)-Pyrimidinone, 2-[4-(1H-imidazo[4,5-c]pyridin-4-yl)-1-piperazinyl]-6-
      (4-pyridinyl)- (9CI)
MF   C19 H18 N8 O

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                        ENTRY   SESSION
FULL ESTIMATED COST   0.38   0.59

STN INTERNATIONAL LOGOFF AT 11:28:11 ON 12 JUL 2002

09/995,159

V. Balasubramanian

Welcome to STN International!   Enter x:x

LOGINID:sssptal611bxv

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3   Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4   Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update
                  frequency
NEWS 5   Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6   Mar 08 Gene Names now available in BIOSIS
NEWS 7   Mar 22 TOXLIT no longer available
NEWS 8   Mar 22 TRCTHERMO no longer available
NEWS 9   Mar 28 US Provisional Priorities searched with P in CA/CAplus
                  and USPATFULL
NEWS 10   Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11   Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12   Apr 08 "Ask CAS" for self-help around the clock
NEWS 13   Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14   Apr 09 ZDB will be removed from STN
NEWS 15   Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16   Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17   Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18   Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19   Jun 03 New e-mail delivery for search results now available
NEWS 20   Jun 10 MEDLINE Reload
NEWS 21   Jun 10 PCTFULL has been reloaded
NEWS 22   Jul 02 FOREGE no longer contains STANDARDS file segment

NEWS EXPRESS   February 1 CURRENT WINDOWS VERSION IS V6.0d,
               CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
               AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

09/995,159

V. Balasubramanian

FILE 'HOME' ENTERED AT 11:30:26 ON 12 JUL 2002

=> file reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 11:30:36 ON 12 JUL 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 10 JUL 2002 HIGHEST RN 438186-75-5
DICTIONARY FILE UPDATES: 10 JUL 2002 HIGHEST RN 438186-75-5

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
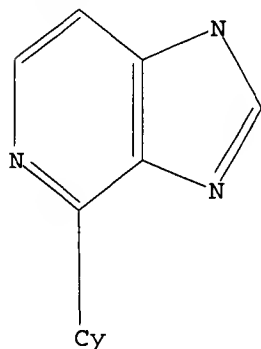Uploading C:\STNEXP4\QUERIES\099951592.str

L1   STRUCTURE UPLOADED

=> que L1

L2   QUE L1

=> d l1
L1 HAS NO ANSWERS
L1   STR

Structure attributes must be viewed using STN Express query preparation.

09/995,159

V. Balasubramanian


```
=> s l1 sss sam
SAMPLE SEARCH INITIATED 11:30:57 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   1457 TO ITERATE

 68.6% PROCESSED    1000 ITERATIONS                              0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:        26851 TO     31429
PROJECTED ANSWERS:               0 TO         0

L3             0 SEA SSS SAM L1

=> log y
COST IN U.S. DOLLARS                          SINCE FILE     TOTAL
                                                ENTRY       SESSION
FULL ESTIMATED COST                             0.38         0.59

STN INTERNATIONAL LOGOFF AT 11:31:11 ON 12 JUL 2002
```
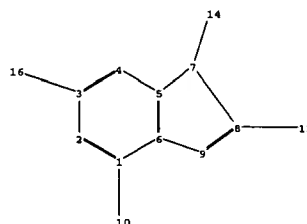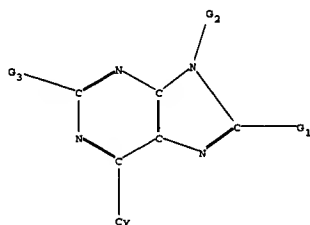

09/995,159

chain nodes :
    10 12 14 16
ring nodes :
    1   2   3   4   5   6   7   8   9
chain bonds :
    1-10 3-16 7-14 8-12
ring bonds :
    1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
    1-10 3-16 5-7 6-9 7-8 7-14 8-9 8-12
normalized bonds :
    1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
    containing 1 :

G1:H,Ak

G2:C,N

G3:H,Ak

Match level :
    1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 12:CLASS
    14:CLASS 16:CLASS
Generic attributes :
    10:
    Type of Ring System   : Monocyclic

V. Balasubramanian

Welcome to STN International!   Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3   Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4   Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update
                  frequency
NEWS 5   Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6   Mar 08 Gene Names now available in BIOSIS
NEWS 7   Mar 22 TOXLIT no longer available
NEWS 8   Mar 22 TRCTHERMO no longer available
NEWS 9   Mar 28 US Provisional Priorities searched with P in CA/CAplus
                  and USPATFULL
NEWS 10   Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11   Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12   Apr 08 "Ask CAS" for self-help around the clock
NEWS 13   Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14   Apr 09 ZDB will be removed from STN
NEWS 15   Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16   Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17   Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18   Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19   Jun 03 New e-mail delivery for search results now available
NEWS 20   Jun 10 MEDLINE Reload
NEWS 21   Jun 10 PCTFULL has been reloaded
NEWS 22   Jul 02 FOREGE no longer contains STANDARDS file segment

NEWS EXPRESS   February 1 CURRENT WINDOWS VERSION IS V6.0d,
               CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
               AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

09/995,159

V. Balasubramanian

FILE 'HOME' ENTERED AT 11:23:39 ON 12 JUL 2002

=> ....Testing the current file.... screen

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files. For example, the EXPAND
command can only be used to look at the index in a file which has an
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:23:58 ON 12 JUL 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 10 JUL 2002   HIGHEST RN 438186-75-5
DICTIONARY FILE UPDATES: 10 JUL 2002   HIGHEST RN 438186-75-5

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\099951592.str
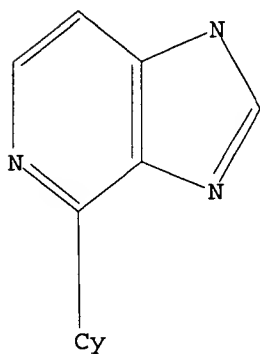
L1   STRUCTURE UPLOADED

=> que L1

L2   QUE L1

=> d l1
L1 HAS NO ANSWERS
L1   STR

09/995,159

V. Balasubramanian

Structure attributes must be viewed using STN Express query preparation.


```
=> s l1 sss sam
SAMPLE SEARCH INITIATED 11:24:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   1457 TO ITERATE


 68.6% PROCESSED    1000 ITERATIONS                        5 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        26851 TO      31429
PROJECTED ANSWERS:               5 TO        306

L3              5 SEA SSS SAM L1

=> d scan

L3   5 ANSWERS   REGISTRY  COPYRIGHT 2002 ACS
IN   4(1H)-Pyrimidinone, 2-[4-(1H-imidazo[4,5-c]pyridin-4-yl)-1-piperazinyl]-6-
     (4-pyridinyl)- (9CI)
MF   C19 H18 N8 O
```


09/995,159
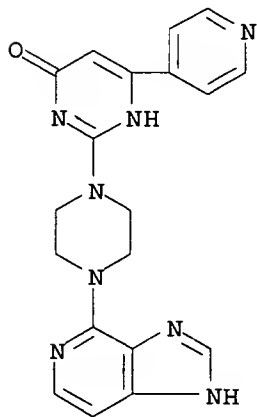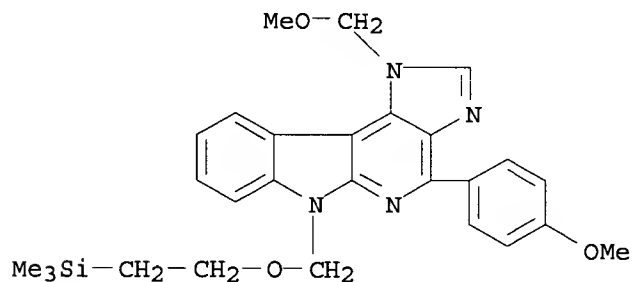
V. Balasubramanian

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

L3   5 ANSWERS   REGISTRY   COPYRIGHT 2002 ACS
IN   Imidazo[4',5':4,5]pyrido[2,3-b]indole, 1,6-dihydro-1-(methoxymethyl)-4-(4-
     methoxyphenyl)-6-[[2-(trimethylsilyl)ethoxy]methyl]- (9CI)
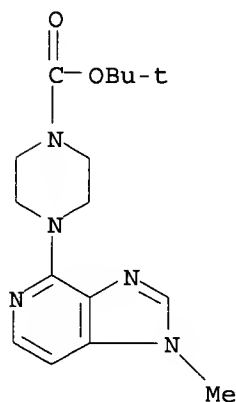MF   C27 H32 N4 O3 Si

MeO—CH2

Me3Si—CH2—CH2—O—CH2

OMe

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3   5 ANSWERS   REGISTRY   COPYRIGHT 2002 ACS
IN   1-Piperazinecarboxylic acid, 4-(1-methyl-1H-imidazo[4,5-c]pyridin-4-yl)-,
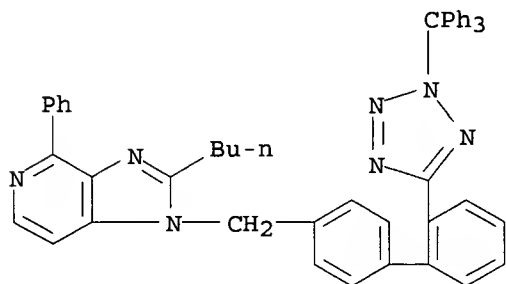   1,1-dimethylethyl ester (9CI)
MF   C16 H23 N5 O2

O
||
C—OBu-t

N

N

N

N

N
Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3   5 ANSWERS   REGISTRY   COPYRIGHT 2002 ACS

09/995,159

V. Balasubramanian

IN 1H-Imidazo[4,5-c]pyridine, 2-butyl-4-phenyl-1-[[2'-[2-(triphenylmethyl)-2H-
    tetrazol-5-yl][1,1'-biphenyl]-4-yl]methyl]- (9CI)
MF C49 H41 N7

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 5 ANSWERS   REGISTRY COPYRIGHT 2002 ACS
IN Imidazo[4',5':4,5]pyrido[2,3-b]indol-2-amine, 1,5-dihydro-4-[4-
    (methoxymethoxy)phenyl]-N,N-dimethyl-1-[[2-(trimethylsilyl)ethoxy]methyl]-
    (9CI)
MF C28 H35 N5 O3 Si
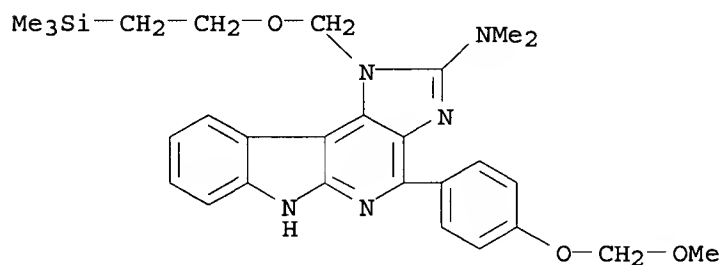
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.38	0.59

STN INTERNATIONAL LOGOFF AT 11:24:51 ON 12 JUL 2002

09/995,159